

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22940
Product	Bismuth nitrate pentahydrate
Lot Number	000331-51651
	Bismuth(III) nitrate pentahydrate
CAS Number	10035-06-0
Molecular Formula	$\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
Molecular Weight	485.07

Appearance	White powder, Hygroscopic!
Anion	Chloride (Cl^-) : < 0.001% Sulfate (SO_4^{2-}) : < 0.005%
Cation	Arsenic (As) : < 0.001% Calcium (Ca) : < 0.005% Copper (Cu) : < 0.002% Iron (Fe) : < 0.001% Lead (Pb) : < 0.002% Potassium (K) : < 0.01% Sodium (Na) : < 0.02% Silver (Ag) : < 0.001%
Insoluble material	Not detected
Assay by titration	98.35%
Grade	ACS reagent
Storage	Store at RT
Additional Information	Identification : Passes test Substance not precipitated by H_2S : < 0.10%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager